INVESTIGATOR
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IMMUNOGEN
Substance  recombinant protein

IMMUNIZATION PROTOCOL
Donor Animal
Species  mouse
Strain   BALB/c
Sex      female
Organ and tissue  spleen

Immunization
Dates immunized
Amount of antigen
Route of immunization  intraperitoneal
Adjuvant  Freund's

FUSION
Date
Myeloma cell line
Species  mouse
Designation  P3

MONOCLONAL ANTIBODY
Isotype  IgG1
Specificity  beta-tubulin

Cell binding
Immunohistology
Antibody competition

Species Specificity  reacts with Chlamydomonas, Drosophila, Xenopus, mouse, kangaroo rat, human cells, planaria

ANTIGEN
Chemical properties
Molecular weight  55 kDa

Characterization
Immunoprecipitation  +
 Immunoblotting  +
 Purification

Amino acid sequence analysis

Functional effects  binds to microtubules within the cell, but does not effect their functioning
Immunohistochemistry  stains methanol fixed cells

PUBLICATIONS:


(Continued)


ACKNOWLEDGMENTS STATEMENT

We have been asked by NICHD to ensure that all investigators include an acknowledgment in publications that benefit from the use of the DSHB's products. We suggest that the following statement be used:

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